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H10K 59/8792; H10K 59/40; H10K 59/87;
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(62) Document number(s) of the earlier application(s) in
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17178963.9 / 3 264 485

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(54) **DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME**

(57) Provided is a display device. The display device includes a first substrate including a first base layer, a circuit layer disposed on the first base layer, and a light emitting layer disposed on the circuit layer, a second substrate including a top surface and a bottom surface and in which a plurality of grooves arranged in a first direction

are defined in the bottom surface, the second substrate being disposed on the first substrate, and a plurality of light blocking members disposed on the plurality of grooves to control propagation direction of light outputted from the light emitting layer.

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PARTIAL EUROPEAN SEARCH REPORT

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of subsequent proceedings, as the European search report

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* paragraphs [0071] - [0076], [0089], [0090]; figures 1, 25 * -----	2, 6	
Y	JP 2006 079978 A (OPTREX KK; ASAHI GLASS CO LTD) 23 March 2006 (2006-03-23) * paragraph [0026] - paragraph [0028]; figures 1, 2, 8, 13 * * paragraph [0034] - paragraph [0035] * * paragraph [0056] * * paragraph [0012] * * paragraph [0066] * * paragraph [0010] * * paragraph [0012] * -----	1-11	
Y	JP 2014 002927 A (DAINIPPON PRINTING CO LTD) 9 January 2014 (2014-01-09) * paragraph [0050]; figures 1, 3, 4 * ----- -/--	1-11	
			TECHNICAL FIELDS SEARCHED (IPC)
			H01L H10K
INCOMPLETE SEARCH			
The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 24 November 2023	Examiner Beierlein, Udo
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.82 (P04E07)



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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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**INCOMPLETE SEARCH
SHEET C**

Application Number

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Claim(s) completely searchable:

1-11

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Claim(s) not searched:

12-15

Reason for the limitation of the search:

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The present application contains 15 claims, of which 2 are independent device claims. There is no clear distinction between the independent claims because of overlapping scope. There are so many claims and they are drafted in such a way that the claims as a whole do not comply with the provisions of clarity and conciseness in Article 84 EPC, as it is particularly burdensome for a skilled person to establish the subject-matter for which protection is sought. Non-compliance with the substantive provisions is such that a meaningful search of the whole claimed subject-matter could not be carried out (Rule 63 EPC and Guidelines B-VIII, 3).

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The search has been restricted to the subject-matter indicated by the applicant (independent claim 1 and claims dependent thereon).

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ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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